



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

RECEIVED

OCT 21 2003

TECH CENTER 1000/2003

Application Serial Number:

09/831,253C

Source:

1600

Date Processed by STIC:

10/7/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>>), EFS Submission User Manual (ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/2003): U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised: 10/08/2003

## Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/831,283C</u>
<b>ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE</b>		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input checked="" type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
	<i>Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.</i>	
8 <input checked="" type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) <u>166</u> missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 07/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



1600

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/831,253C

DATE: 10/07/2003  
TIME: 10:20:47

Input Set : A:\0134469 sequence listing .txt  
Output Set: N:\CRF4\10072003\I831253C.raw

Suggestion: PLEASE  
consult  
Sequence  
Rules

Does Not Comply  
Corrected Diskette Needed VALID

1 <110> APPLICANT: EZQUERRO SAENZ, Ignacio Jose  
2 LASARTE SAGASTIBELZA, Juan Jose  
3 PRIETO VALTUEYA, Jesus  
4 BORRAS CUESTA, Francisco  
6 <120> TITLE OF INVENTION: TGFbb1-inhibitor peptides  
8 <130> FILE REFERENCE: U-013446-9  
10 <140> CURRENT APPLICATION NUMBER: 09/831,253C  
11 <141> CURRENT FILING DATE: 2001-06-27  
13 <150> PRIOR APPLICATION NUMBER: PCT/ES99/00375  
14 <151> PRIOR FILING DATE: 1999-11-23  
16 <150> PRIOR APPLICATION NUMBER: P9802465  
17 <151> PRIOR FILING DATE: 1998-11-24 submitted  
E--> 19 <160> NUMBER OF SEQ ID NOS: 160 > 179

IMPORTANT: see p.3

j (total number  
of sequences  
is 178)

## ERRORED SEQUENCES

do NOT use alphabetical headings

Replace with <160>

E--> 22 <210> SEQ ID NO: ~~SEQ ID NO: 1~~ In new Sequence Rules  
23 <211> LENGTH: 15 ~~delete~~ format. CRF software inserts  
E--> 24 <212> TYPE: ~~Peptide~~ PRT alphabetical headings.  
25 <213> ORGANISM: Artificial sequence  
W--> 26 <220> FEATURE: Domain ~~NEVER insert a response to <220>~~  
W--> 26 <220> FEATURE: Domain ~~insert <221> and no response to <221> line.~~  
27 <223> OTHER INFORMATION: Derived from human TGBb1 position 319-333  
W--> 28 <400> SEQUENCE: His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu  
29 <400> ~~1~~ ~~2~~ ~~3~~ ~~4~~ ~~5~~ ~~6~~ ~~7~~ ~~8~~ ~~9~~ ~~10~~ ~~11~~ ~~12~~ ~~13~~ ~~14~~ ~~15~~ do not  
E--> 32 <210> SEQ ID NO: ~~SEQ ID NO: 2~~ insert this  
33 <211> LENGTH: 14 ~~delete~~ misaligned nos. See item 3 on Error  
E--> 34 <212> TYPE: ~~Peptide~~ PRT summary  
35 <213> ORGANISM: Artificial sequence sheet  
W--> 36 <220> FEATURE: Domain ~~<221>~~ Move this  
W--> 36 <220> FEATURE: Domain ~~<221>~~ under <400> line  
37 <223> OTHER INFORMATION: Derived from human TGBb1 position 322-335  
W--> 38 <400> SEQUENCE: Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr  
39 <400> ~~1~~ ~~2~~ ~~3~~ ~~4~~ ~~5~~ ~~6~~ ~~7~~ ~~8~~ ~~9~~ ~~10~~ ~~11~~ ~~12~~ ~~13~~ ~~14~~ ~~15~~ line.  
E--> 43 <210> SEQ ID NO: ~~SEQ ID NO: 3~~ move  
44 <211> LENGTH: 12 under <400> line  
E--> 45 <212> TYPE: ~~Peptide~~  
46 <213> ORGANISM: Artificial sequence  
W--> 47 <220> FEATURE: Domain ~~<221>~~  
W--> 47 <220> FEATURE: Domain ~~<221>~~ 48 <223> OTHER INFORMATION: Derived from rat TGBb1 type III receptor position 731-742  
W--> 49 <400> SEQUENCE: Thr Ser Leu Asp Ala Thr Met Ile Trp Thr Met Met  
<400> ~~1~~ ~~2~~ ~~3~~ ~~4~~ ~~5~~ ~~6~~ ~~7~~ ~~8~~ ~~9~~ ~~10~~

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/831,253C

DATE: 10/07/2003  
TIME: 10:20:47

Input Set : A:\0134469 sequence listing .txt  
Output Set: N:\CRF4\10072003\I831253C.raw

50 5 10  
E--> 53 <210> SEQ ID NO: SEQ ID NO: 4  
54 <211> LENGTH: 15  
E--> 55 <212> TYPE: Peptide  
56 <213> ORGANISM: Artificial sequence *Same error*  
W--> 57 <220> FEATURE: Domain  
W--> 57 <220> FEATURE: Domain  
58 <223> OTHER INFORMATION: Derived from rat TGBb1 position 245-259  
W--> 59 <400> SEQUENCE: Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp Ile Ile Val Asp Ile  
60 5 10 15  
E--> 63 <210> SEQ ID NO: SEQ ID NO: 5 *Same error*  
64 <211> LENGTH: 9  
E--> 65 <212> TYPE: Peptide  
66 <213> ORGANISM: Synthetic peptide derived from P54 *invalid response.*  
W--> 67 <220> FEATURE: Domain *See item 10 on Error*  
W--> 67 <220> FEATURE: Domain *Summary Sheet*  
W--> 68 <400> SEQUENCE: Thr Ser Leu Met Ile Trp Thr Met Met  
69 5  
E--> 72 <210> SEQ ID NO: SEQ ID NO: 6 *Same*  
73 <211> LENGTH: 14  
E--> 74 <212> TYPE: Peptide  
75 <213> ORGANISM: Synthetic peptide from human TGBb1 type III receptor  
W--> 76 <220> FEATURE: Domain: 729-742  
W--> 76 <220> FEATURE: Domain: 729-742  
W--> 77 <400> SEQUENCE: Thr Ser Leu Asp Ala Ser Ile Ile Trp Ala Met Met Gln Asn  
78 5 10  
E--> 81 <210> SEQ ID NO: SEQ ID NO: 7 *Same*  
82 <211> LENGTH: 14  
E--> 83 <212> TYPE: Peptide  
84 <213> ORGANISM: Synthetic peptide from human TGBb1 type III receptor  
W--> 85 <220> FEATURE: Domain: 241-254  
W--> 85 <220> FEATURE: Domain: 241-254  
W--> 86 <400> SEQUENCE: Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp Ile Thr Ile Asp  
87 5 10  
E--> 90 <210> SEQ ID NO: SEQ ID NO: 8 *Same*  
91 <211> LENGTH: 15  
E--> 92 <212> TYPE: Peptide  
93 <213> ORGANISM: Synthetic peptide from pig endoglin  
W--> 94 <220> FEATURE: Domain: 247-261  
W--> 94 <220> FEATURE: Domain: 247-261  
W--> 95 <400> SEQUENCE: Glu Ala Val Leu Ile Leu Gln Gly Pro Pro Tyr Val Ser Trp Leu  
96 5 10 15  
E--> 99 <210> SEQ ID NO: SEQ ID NO: 9 *Same*  
100 <211> LENGTH: 15  
E--> 101 <212> TYPE: Peptide  
102 <213> ORGANISM: Synthetic peptide from pig endoglin  
W--> 103 <220> FEATURE: Domain: 445-459  
W--> 103 <220> FEATURE: Domain: 445-459  
W--> 104 <400> SEQUENCE: Leu Asp Ser Leu Ser Phe Gln Leu Gly Leu Tyr Leu Ser Pro His

09/83/253C 3

<210> SEQ ID NO: 132  
<211> 15 *same errors*  
<212> Peptide  
<213> Synthetic peptide from rat TGBb1 type III receptor  
<220> Domain: 350-364  
<223> Descripcion/Posicion *delete*  
<400> Val Ala Asn Arg Phe His Leu Arg Leu Glu Asn Asn Glu Glu Met  
5 10 15

09/83, 253c 4

<210> SEQ ID NO: 165  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 554-565  
<400> Asp Ser Ala Lys Tyr Asp Val Glu Asn Cys Leu Ala

Sequence 166 missing. If intentionally shortened, please use  
format shown  
in item 8 of  
Error Summary  
Sheet

<210> SEQ ID NO: 167

The types of errors shown exist throughout  
the Sequence Listing. Please check  
sequences for similar errors.

all

Every sequence in submitted file is  
erroneous.

Please consult sample Sequence Listing  
(attached)

<110> Smith, John; Smithgene Inc.  
 <120> Example of a Sequence Listing  
 <130> 01-00001  
 <140> PCT/EP98/00001  
 <141> 1998-12-31  
 <150> US 08/999,999  
 <151> 1997-10-15  
 <160>   
 <170> Patentin version 2.0  
 <210> 1  
 <211> 389  
 <212> DNA  
 <213> Paramecium sp.  
 <220>  
 <221> CDS  
 <222> (279)...(389)  
 <300>  
 <301> Doe, Richard  
 <302> Isolation and Characterization of a Gene Encoding a  
 Protease from Paramecium sp.  
 <303> Journal of Genes  
 <304> 1  
 <305> 4  
 <306> 1-7  
 <307> 1988-06-31  
 <308> 123456  
 <309> 1988-06-31

<400>	1	60				
aggcgtggtc	atccctgtgt	cccttccttc	ctgggtttct	cccttcgtca	atccagatctc	
agggagagtg	tcttgaccct	ccctctggctt	tgcagtcctt	caggcaggcd	ggcaggcage	E 120
tgttgtggca	atcgctggca	gtggccacagg	cccttcagcc	aggcttaggg	tgggttccgc	180
cgcggcgccg	cggccccctt	cgcgtttttt	tgcgtttttt	cccttcgtct	cccttcgtct	240

Consult this

Appendix 3, page 2.

ggacccgttggat agggtggcggg gaggaggggggg cagtttgcg atg gtt tca atg ttc agc 296  
Met Val Ser Met Phe Ser  
1 5 10 15 20 25 30 35 40 45 50

ttg tct tcc aaa tgg cct gga ttt tgt ttg ttt gtt tgt ttg ttc caa 366  
Leu Ser Phe Lys Trp Pro Gly Phe Cys Leu Phe Val Cys Leu Phe Gln  
10 15 20 25 30 35 40 45 50

tgt ccc aaa gtc ctc ccc tgt cac tca tca ctg cag ccg aat ctt 389  
Cys Pro Lys Val Leu Pro Cys His Ser Ser Leu Cys Cln Pro Asn  
25 30 35 40 45 50

<210> 2  
<211> 37  
<212> PRT  
<213> Paramecium sp.

<<00> 2  
Met Val Ser Met Phe Ser Leu Ser Phe Lys Trp Pro Gly Phe Cys Leu  
1 5 10 15

Phe Val Cys Leu Phe Cln Cys Pro Lys Val Leu Pro Cys His Ser Ser  
20 25 30 35 40 45 50

Leu Cln Pro Asn Leu  
35

<210> 3  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Designed peptide based on size and polarity to act as a linker between the alpha and beta chains of Protein XYZ.

<400> 3  
Met Val Asn Leu Glu Pro Met His Thr Glu Ile  
1 5 10

<210> 4  
<400> 4  
000

[Annex VIII follows]